



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventor: **Takahisa AOYAMA et al.** Group Art Unit: 2634

Appln. No.: **09/936,430** Examiner: **J. Joseph**

Filed: **September 13, 2001**

For: **INTERFERENCE SIGNAL CANCELING APPARATUS AND
INTERFERENCE SIGNAL CANCELING METHOD**

RESPONSE UNDER 37 CFR § 1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated November 30, 2004, reconsideration and allowance are respectfully requested in light of the following remarks.

Claims 1-6 were rejected, under 35 USC §103(a), as being unpatentable over Uesugi (US 6,002,727) in view of Hotani et al. (US 5,953,378). Applicants respectfully traverse these rejections.

The Office Action acknowledges that Uesugi does not teach or suggest the feature recited in claim 1 of comparing a calculated symbol likelihood with a threshold value (see Office Action page 2, lines 7-9 of last paragraph). Since Uesugi does not disclose or suggest comparing a symbol likelihood to a threshold value, it necessarily follows that Uesugi cannot suggest the claimed feature of ranking only the symbols whose likelihoods equal or exceed the